

FIG. 1.

FIG. 2

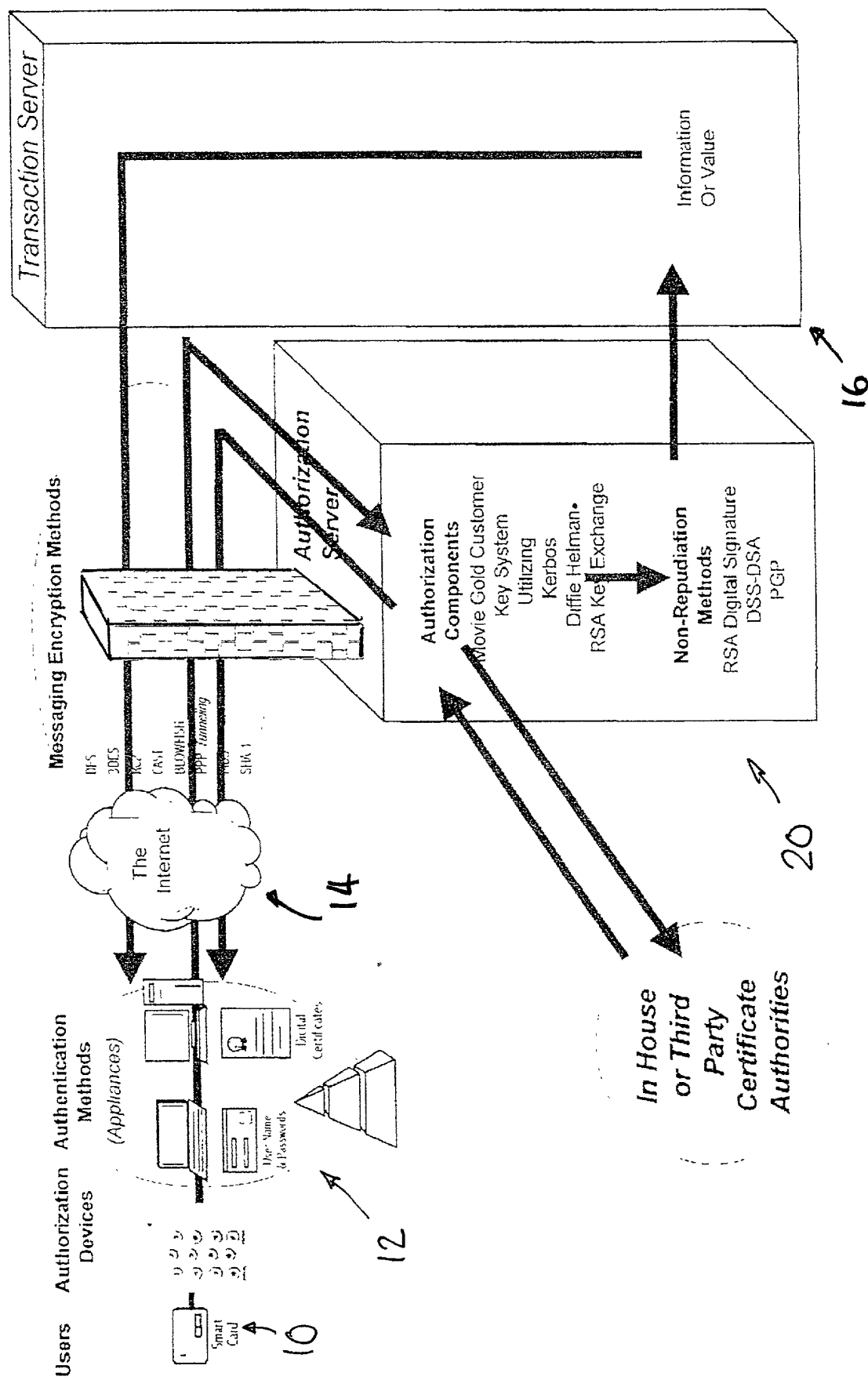
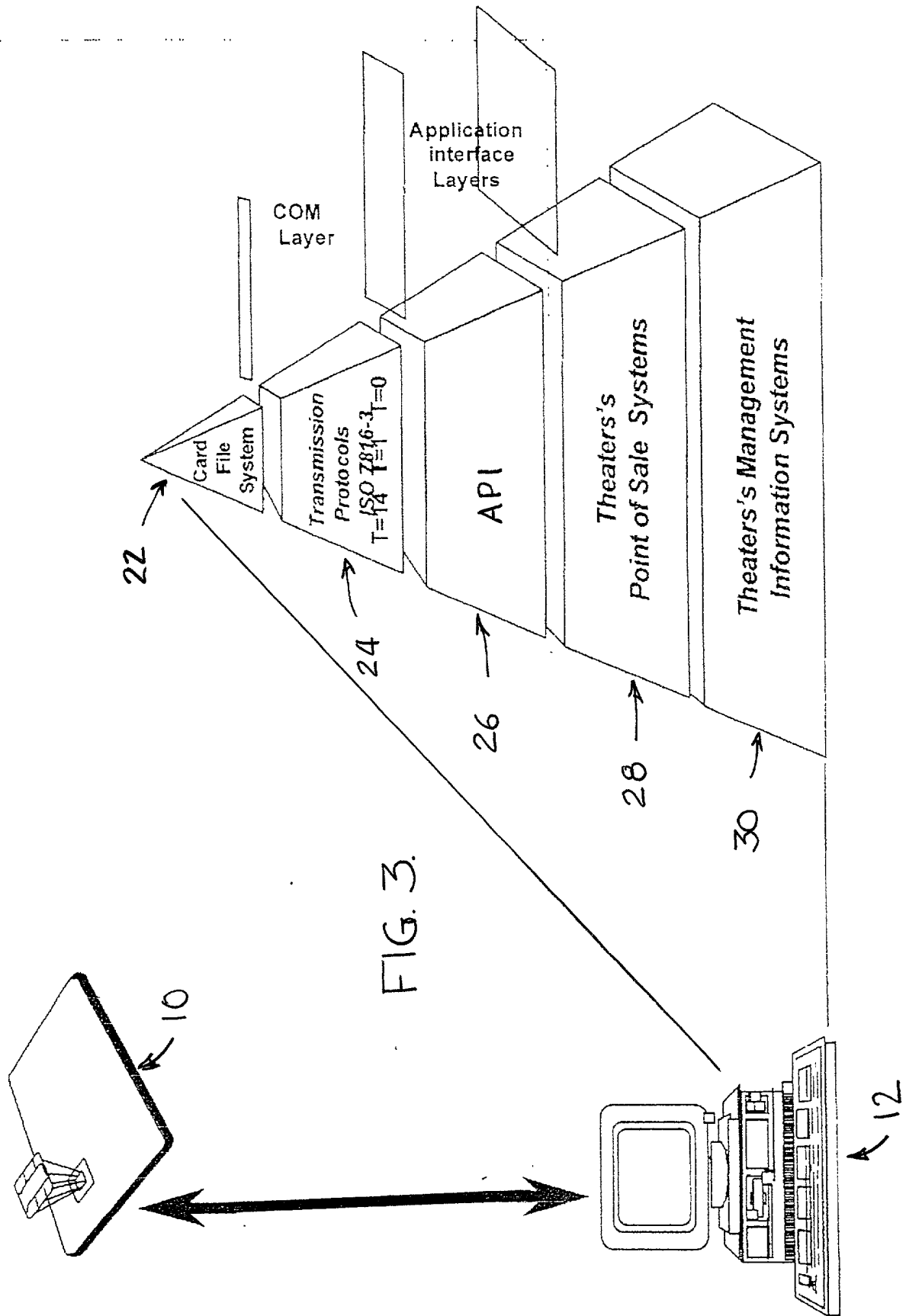


FIG. 2.



Card File Structure

| BYTES | FIELD ID | | READ/ WRITE | READ ONLY | AUTO ENCRYPT |
|-------|----------|------------------------------------------------------|-------------|-----------|--------------|
| 8 | ID | Mnfg ID #31224 | | X | |
| 3 | CID | Card ID # (0-16,77,215) | | X | |
| 1 | TID | Theater ID # (0-25) | | X | |
| 38 | TL | Transaction Log | X | | X |
| 3 | ID | Issue Date | X | | X |
| 2 | VF1 | Value \$ field 1: 0 to 65535 | X | | X |
| 2 | VF2 | Value \$ field 2: 0 to 65535 | X | | X |
| 2 | PF1 | Points \$ field 1: 0 to 65535 | X | | X |
| 2 | PF2 | Points \$ field 2: 0 to 65535 | X | | X |
| 11 | TF1 | Ticket storage: 2 digit #, 1 alpha, 3 character code | X | | X |
| 2 | VF1D | Value \$ field 1 display: \$0 to 65535 | X | | |
| 2 | VF2D | Value \$ field 2 display: \$0 to 65535 | X | | |
| 1 | PF1D | Points \$ field 1 display: 0 to 255 | X | | |
| 1 | PF2D | Points \$ field 2 display: 0 to 255 | X | | |
| 50 | Blob | User defined area | X | | |

FIG 4

General Reader Commands

| COMMAND | FUNCTION | PAGE NO. |
|----------------------|-------------------------------------------------------|----------|
| CLX_OpenReader | Open the Reader and setup the Serial Port. | 1 - 4 |
| CLX_CloseReader | Closes the Reader. | 1 - 4 |
| CLX_CloseAll | Closes all open readers on all ports | 1 - 5 |
| CLX_GetReaderStatus | Returns the status of the Reader. | 1 - 5 |
| CLX_CardInserted | Determines if a card is inserted in the Reader. | 1 - 6 |
| CLX_ResetReader | Issues a soft reset to the Reader. | 1 - 6 |
| CLX_APIVersion | Get the API version number. | 1 - 7 |
| CLX_GetReaderVersion | Returns the version string from the Reader. | 1 - 7 |
| CLX_SetReaderLED | Turns on or off the red or green LED on the Reader. | 1 - 8 |
| CLX_ReadMMCard | Reads the card data to an internal buffer. | 1 - 8 |
| CLX_WriteMMCard | Writes the data from the internal buffer to the card. | 1 - 9 |

FIG 5

Card Read Commands

| COMMAND | AUTO DECRYPTION | FUNCTION | PAGE NO. |
|--------------|--------------------|-----------------------------------------------------|-------------|
| CLX_ReadB | | Reads data from the Blob area of the buffer. | 1 - 9 |
| CLX_ReadMiD | | Reads data from the Mnfg ID # field buffer. | 1 - 10 |
| CLX_ReadCiD | | Reads data from the Card ID # field buffer. | 1 - 11 |
| CLX_ReadTiD | | Reads data from the Theater ID # field buffer. | 1 - 11 |
| CLX_ReadTL | YES | Reads data from the Transaction Log # field buffer. | 1 - 12 |
| CLX_ReadTD | YES | Reads data from the Card Issue Date field buffer. | 1 - 13 |
| CLX_ReadVF1 | YES | Reads data from the Value S field 1 buffer. | 1 - 14 |
| CLX_ReadVF2 | YES | Reads data from the Value S field 2 buffer. | 1 - 15 |
| CLX_ReadPF1 | YES | Reads data from the Points field 1 buffer. | 1 - 16 |
| CLX_ReadPF2 | YES | Reads data from the Points field 2 buffer. | 1 - 17 |
| CLX_ReadTF1 | YES | Reads data from the Ticket Storage field buffer. | 1 - 18 |
| CLX_ReadVF1D | | Reads data from the Value S field 1 Display buffer. | 1 - 19 |
| CLX_ReadVF2D | | Reads data from the Value S field 2 Display buffer. | 1 - 20 |
| CLX_ReadPF1D | | Reads data from the Points field 1 Display buffer. | 1 - 21 |
| CLX_ReadPF2D | | Reads data from the Points field 2 Display buffer. | 1 - 22 |

FIG 6

Card Write Commands

| COMMAND | AUTO ENCRYPTION | FUNCTION | PAGE NO. |
|---------------|--------------------|----------------------------------------------------|-------------|
| CLX_WriteB | | Writes data to and from the Blob card. | 1 - 10 |
| CLX_WriteTL | YES | Writes data to the Transaction Log # field buffer. | 1 - 12 |
| CLX_WriteTD | YES | Writes data to the Card Issue Date field buffer. | 1 - 13 |
| CLX_WriteVF1 | YES | Writes data to the Value S field 1 buffer. | 1 - 14 |
| CLX_WriteVF2 | YES | Writes data to the Value S field 2 buffer. | 1 - 15 |
| CLX_WritePF1 | YES | Writes data to the Points field 1 buffer. | 1 - 16 |
| CLX_WritePF2 | YES | Writes data to the Points field 2 buffer. | 1 - 17 |
| CLX_WriteTF1 | YES | Writes data to the Ticket Storage field buffer. | 1 - 18 |
| CLX_WriteVF1D | | Writes data to the Value S field 1 Display buffer. | 1 - 19 |
| CLX_WriteVF2D | | Writes data to the Value S field 2 Display buffer. | 1 - 20 |
| CLX_WritePF1D | | Writes data to the Points field 1 Display buffer. | 1 - 21 |
| CLX_WritePF2D | | Writes data to the Points field 2 Display buffer. | 1 - 22 |

FIG 7